

Title (en)
METHOD AND APPARATUS FOR CONTROLLING LIGHTING UNITS BASED ON MEASURED FORCE AND/OR MOVEMENT OF ASSOCIATED LUMINAIRES

Title (de)
VERFAHREN UND VORRICHTUNG ZUR STEUERUNG DER BELEUCHTUNGSEINHEITEN BASIEREND AUF GEMESSENER KRAFT UND/ ODER BEWEGUNG VON ZUGEHÖRIGEN LEUCHTEN

Title (fr)
PROCÉDÉ ET APPAREIL POUR COMMANDER DES UNITÉS D'ÉCLAIRAGE SUR LA BASE D'UNE FORCE MESURÉE ET/OU D'UN MOUVEMENT MESURÉ DE LUMINAIRES ASSOCIÉS

Publication
EP 3111729 B1 20200101 (EN)

Application
EP 15711291 A 20150216

Priority
• US 201461946178 P 20140228
• IB 2015051134 W 20150216

Abstract (en)
[origin: WO2015128771A1] An LED-based lighting unit (100, 200, 300, 400, 1000, 1100, 1200, 1300, 1400, 1500) may be installable into a luminaire (108, 208, 308, 408, 1008, 1108, 1208, 1308, 1408, 1508) to cause the luminaire to be responsive to applied forces and/or movements to control one or more properties of light emitted by the lighting unit. The lighting unit may include one or more LEDs (102), an accelerometer (114), and a controller (112). The controller may: receive, from the accelerometer, a signal representative of a measured mechanical force applied to or movement of the luminaire in which the LED-based lighting unit is installed; determine, based on the signal from the accelerometer, that the measured mechanical force or movement corresponds to one or more predetermined forces or movements; and energize the one or more LEDs to emit light having one or more properties selected based on the determination.

IPC 8 full level
H05B 44/00 (2022.01); **H05B 37/02** (2006.01)

CPC (source: CN EP RU US)
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